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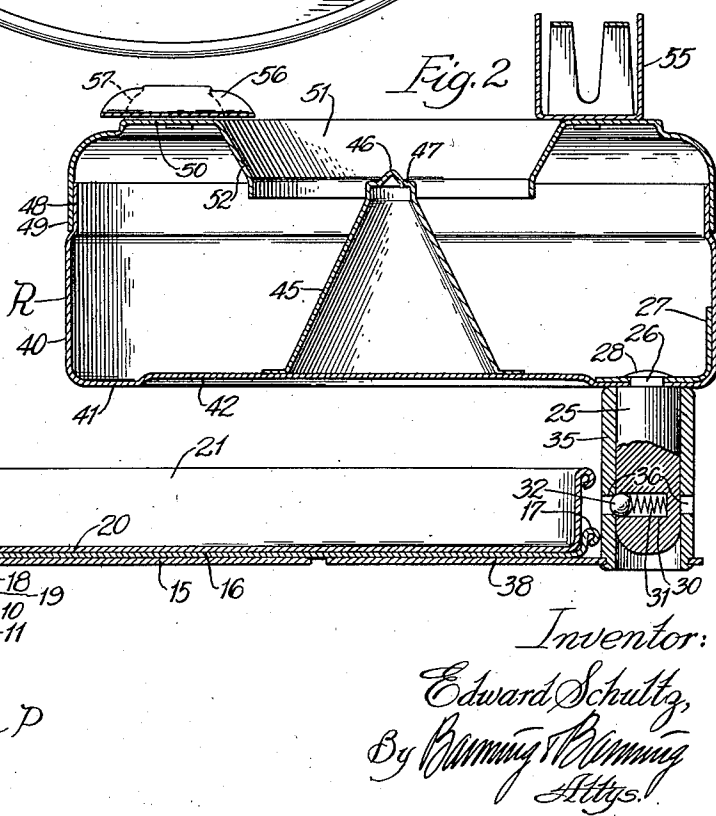
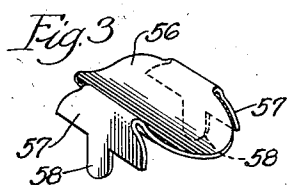
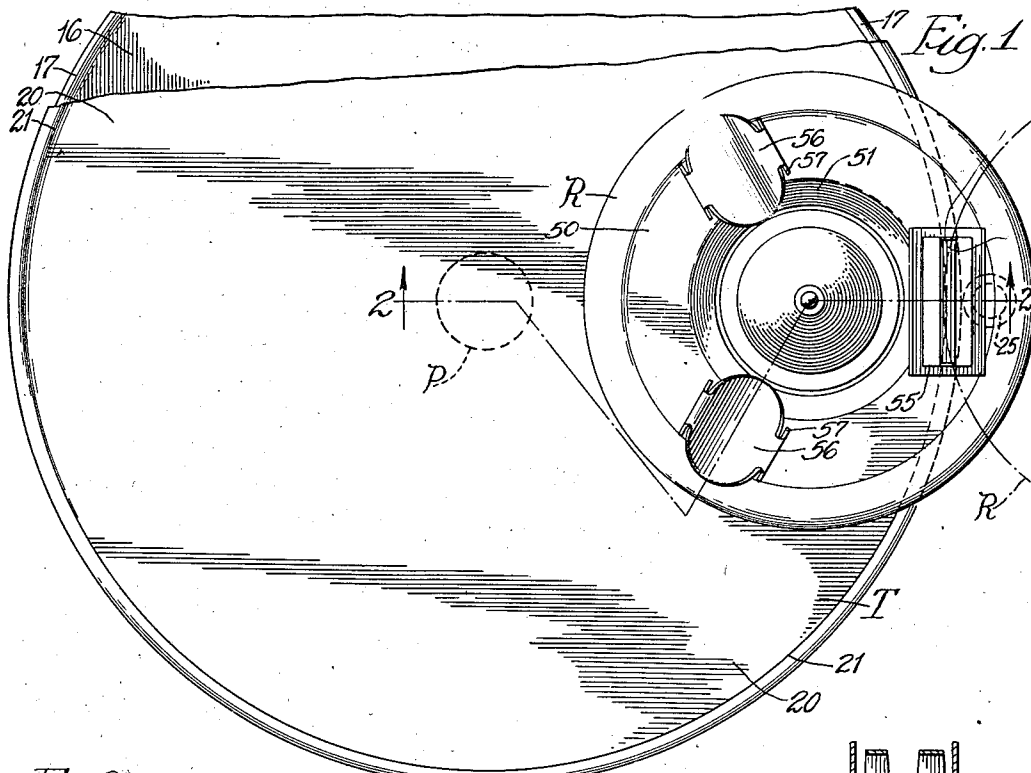
E. SCHULTZ.

2,029,342

SMOKING STAND.

Filed April 11, 1934

2 Sheets-Sheet 1



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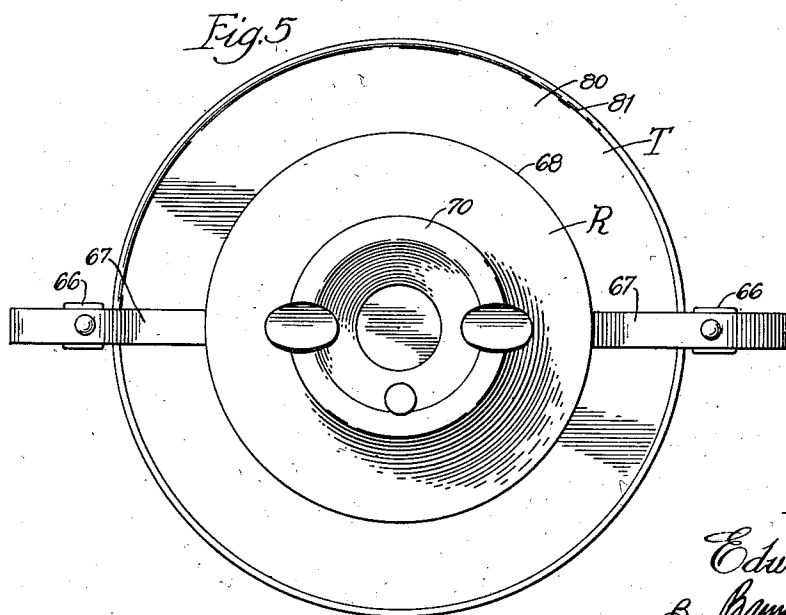
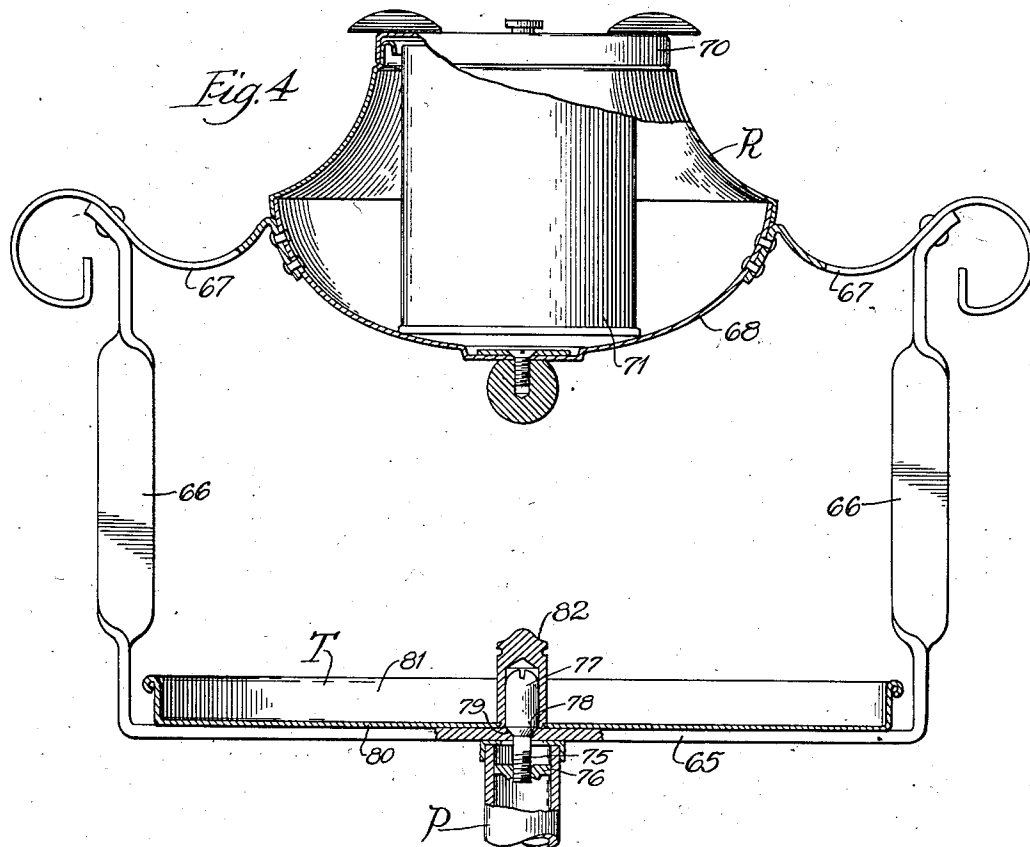
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UNITED STATES PATENT OFFICE

2,029,342

SMOKING STAND

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Application April 11, 1934, Serial No. 720,034

2 Claims. (Cl. 131—51)

This invention relates to a smoking stand having two principal units, viz., a refuse receiver and tray, the one being in spaced relation to the other so that each may accommodate its intended contents without interference with the other, and both being mounted at the upper end of a stand which may be placed conveniently to the user.

For its principal objects, my invention aims to provide a duplex stand of the kind mentioned having both a receiver for ashes, etc., and a tray for other articles, such as drinking glasses; a stand of the kind specified in which the ash receiver and tray are both conveniently at hand, yet without mutual interference; a smoking stand of the kind described which is neat in appearance, inexpensive to produce, easy to use and clean, and otherwise suited to the purposes for which it is designed; and a smoking stand of the kind indicated in which the ash receiver and/or tray may be moved, one relative to the other, whereby to bring either into more convenient position for the user. These and other objects of my invention are realized by the construction illustrated in the accompanying drawings wherein—

Figure 1 is a plan view of a smoking stand having a receiver mounted eccentrically and pivotally with respect to a circular tray therebelow;

Fig. 2 is an enlarged detail in vertical section taken in the plane of line 2—2 of Fig. 1;

Fig. 3 is a perspective view of one of the rests for cigarettes and the like which is mounted at the top of the receiver;

Fig. 4 is a view in vertical section of the upper end of a smoking stand of modified construction showing the ash receiver in concentric relation to a circular tray or shelf which is positioned therebelow; and

Fig. 5 is a plan view of the construction shown in Fig. 4.

Rising from a base (not shown) is an upright post P supporting internally thereof near its upper end a nut 10 adapted to receive the threaded shank 11 of a bolt having a flat head 12. Upon the upper end of the post is rested a circular reinforcing plate 15 whereon is supported a circular shelf 16 provided with an upturned marginal flange 17. The reinforcing plate is centrally apertured as at 18 to receive a conical boss 19 which is struck down from the edges of an aperture in the center of the shelf. The head 12 of the bolt head accordingly may be countersunk within the shelf so as to rest against the boss 19 which in turn is entered within the central opening of the reinforcing plate. When the bolt is tightened in the nut, as illustrated in Fig. 2, the shelf is secured tightly in position upon the upper end of the post, and is further supported on its under side for a radial distance coextensive with the reinforcing plate. In the construction described, the shelf and reinforcing plate may be of light

gauge material so as to contribute to reduction of weight whereby the entire stand is rendered conveniently movable. The post and reinforced shelf thus provide a vertical support upon which are mounted other parts now to be described.

Fitted to rest upon the shelf is a tray T having a bottom 20 and an upstanding marginal flange 21. The size of the tray is such as to fit upon the shelf where it is retained substantially against motion except rotation. The marginal flange of the shelf is sufficiently low to permit the tray to be moved on and off without tilting to any appreciable extent, and yet is sufficiently low to retain the tray in position upon the shelf, even when rotated by hand for the purpose of bringing the far side around closer to the user.

Supported above the shelf is a refuse receiver R. This receiver is maintained at an elevation above the shelf sufficient to clear any small articles that may be placed thereon. As a simple yet effective mounting for the receiver I have shown depending therefrom, at a point adjacent one side thereof, a circular post 25. Protruding from the upper end of this post is a stud 26 which passes through an opening in the bottom of the receiver and also through a second opening in an angle reinforcing plate 27 which lies on the upper side of the receiver bottom, the stud end being spread as at 28 or otherwise upset to securely lock the post to the receiver. Extending transversely into the post is a socket 30 wherein is a spring 31 pressing against a ball 32, thereby providing a detent. The post may be fitted into a tube 35 having in its walls one or more openings 36 in line with the socket 30, permitting the ball to enter into any selected opening when the post is rotated to proper position for this purpose. By the means described, the receiver which is supported fast on the post may be swung around to different positions in certain of which the detent serves to releasably lock the receiver. The tube wherein the post is received may be carried by a base plate 38 which is secured to the under side of the shelf, the end of the plate whereon the tube is supported being extended beyond the confines of the shelf, all as clearly shown in Fig. 2. The receiver and post may accordingly be lifted from the vertical pivotal mounting afforded by the tube so as to be removed entirely from the stand, whenever this operation is desired.

The receiver, as shown, is in the form of a receptacle having cylindrical walls 40 which upstand from a bottom 41 slightly raised in its central portion 42 whereon is supported a conical deflector 45 the upper end of which is formed with a teat 46 upstanding from a surrounding flattened surface 47. This conical deflector rises to a point about level with the upper end of the walls 40 which may be inset at 48, as

shown, to accommodate a flange 49 which depends from a cap 50 having a central aperture 51 which is surrounded by an inwardly sloping wall 52 forming a skirt. The cap is fitted removably upon the receiver, thereby facilitating the cleaning out of refuse, ashes, etc., which may accumulate therewithin.

At one point upon the cap I have mounted a holder 55 wherein may be received a box of matches, and elsewhere I have affixed one or more rests 56 for cigarettes and the like. As best shown in Fig. 3, each rest consists of a plate which is bowed transversely thereof and provided on opposite sides with downturned flanges 57 each terminating in a lug 58. The two flanges which are simply integral extensions of the plate extend downwardly a sufficient distance to support the rest upon or just above the top surface of the cap, and the lugs 58 are receivable through slots in the cap so as to be bendable laterally therebelow, whereby a clinch lock is effected. Such a construction is exceedingly simple, inasmuch as the rest comprises but a single piece of sheet metal having the configuration and form described. Its securement upon the cap is effected by means of its integral lugs, thereby dispensing with the use of separate fastening devices.

In use, a lighted cigarette or cigar may be snuffed upon being pressed against the teat upon the top of the conical deflector. The effect of this is to spread the tobacco at the end of the cigarette or cigar to such an extent that the light will be quickly snuffed. In doing this the dislodged ashes and particles of tobacco are forced off of the teat and then down along the deflector cone to rest upon the receiver bottom. Also, as ashes or butts are dropped into the receiver, such refuse is guided radially toward the outer walls thereof so as to settle along the bottom portion which is lowermost. The effect of this is to retain all such matter at points distant from the center of the receiver so as to minimize the odors emanating therefrom.

The receiver may be swung to a position over the tray, as shown in Figs. 1 and 2, or it may be rotated to other positions one of which, as suggested by the dotted lines in Fig. 1, is entirely beyond the tray. The advantage of this is that the user may change the position of the receiver, according to what is found most convenient. Also it is contemplated that the tray will accommodate glasses or other articles which for the most part will lie clear of the receiver. It may happen, nevertheless, that a glass which is distant from the user may be brought within reach most easily by rotating the tray for this purpose. Such a movement may accordingly be effected, and if need be the receiver may be swung to one side to avoid interference with articles which are moved into proximity thereto. Because of these various adjustments in the position of the receiver and of the tray, the utility of each is greatly enhanced, and it is possible to provide both a receiver and tray in combination upon a stand without having either interfere with the other.

Referring now to Fig. 4, I have shown therein a modification in the construction of the present smoking stand which utilizes for its vertical support a post P the same as already described. Rested on top of the post is a strap 65 which ex-

tends horizontally in opposite directions and then upwardly to provide vertical arms 66 which support at their upper ends brackets 67. As shown, these brackets may be of ornamental form, the same as the arms which support them. Joined to the inner ends of the brackets is a bowl 68 of a receiver R having, if desired, a cap 70 removably fitted thereto in cooperative relation with a cylindrical receptacle 71 which is positioned within the receiver.

The horizontal strap 65 is secured in position upon the upper end of the post as by means of a bolt having a threaded shank 75 in connection with a nut 76 which is affixed interiorly of the post close to its upper end. The bolt, as shown, is provided with an elongated cylindrical head 77 formed at its lower end with a beveled shoulder 78 which seats within a conical socket 79 in the upper face of the strap. With the bolt secured to the nut, and extended through the strap so as to present its shoulder to the socket there-within, a secure and solid anchorage is furnished for the strap and parts supported thereby.

Resting upon the strap is a tray T having a bottom 80 with an upstanding marginal flange 81 forming shallow sides therefor. At its center the tray is provided with an upstanding hollow knob 82 securely fastened at its lower end to the tray bottom which is apertured for its reception. The socket of the knob is designed for cooperation with the bolt head 77 which is received there-within. By this construction the tray may be positioned upon the strap and there securely held by reason of the coaction between the bolt head 77 and the tray knob 82. When so mounted, the tray may be rotated about the bolt head as an axis so as to bring into convenient reach any articles that may be lying upon the far side of the tray. In this construction, the receiver is fixedly positioned over the tray whereby there may be interference at times to articles which are distant from the user. By reason of the revolvability of the tray, any interference which the receiver would otherwise offer is entirely eliminated, as the user may bring within his reach any articles on the tray simply by rotation thereof at his pleasure.

The smoking stand herein disclosed may be produced in a variety of styles and be decorated or finished according to popular tastes or fancy. It may accordingly combine beauty with utility to an unusual degree.

I claim:

1. In a smoking stand, the combination of a vertical support, a tray carried by the support, means extending laterally from the support to a point beyond the tray, a receiver positioned at an elevation above the tray, and a pivotal connection extending from a point adjacent one side of the receiver beyond the tray to the laterally extending means permitting the receiver to be swung to positions over or away from the tray.

2. In a smoking stand, the combination of a vertical support, a tray rotatably carried by the support centrally over the upper end thereof, a receiver above the tray, and a vertical pivotal mounting for the receiver on the support at a point beyond the tray whereby the receiver is free to swing horizontally to positions over or away from the tray.

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